

Annual Report on Research Activities

Research and Innovation, University of Windsor

2019-2020



University
of Windsor



Research Revenue

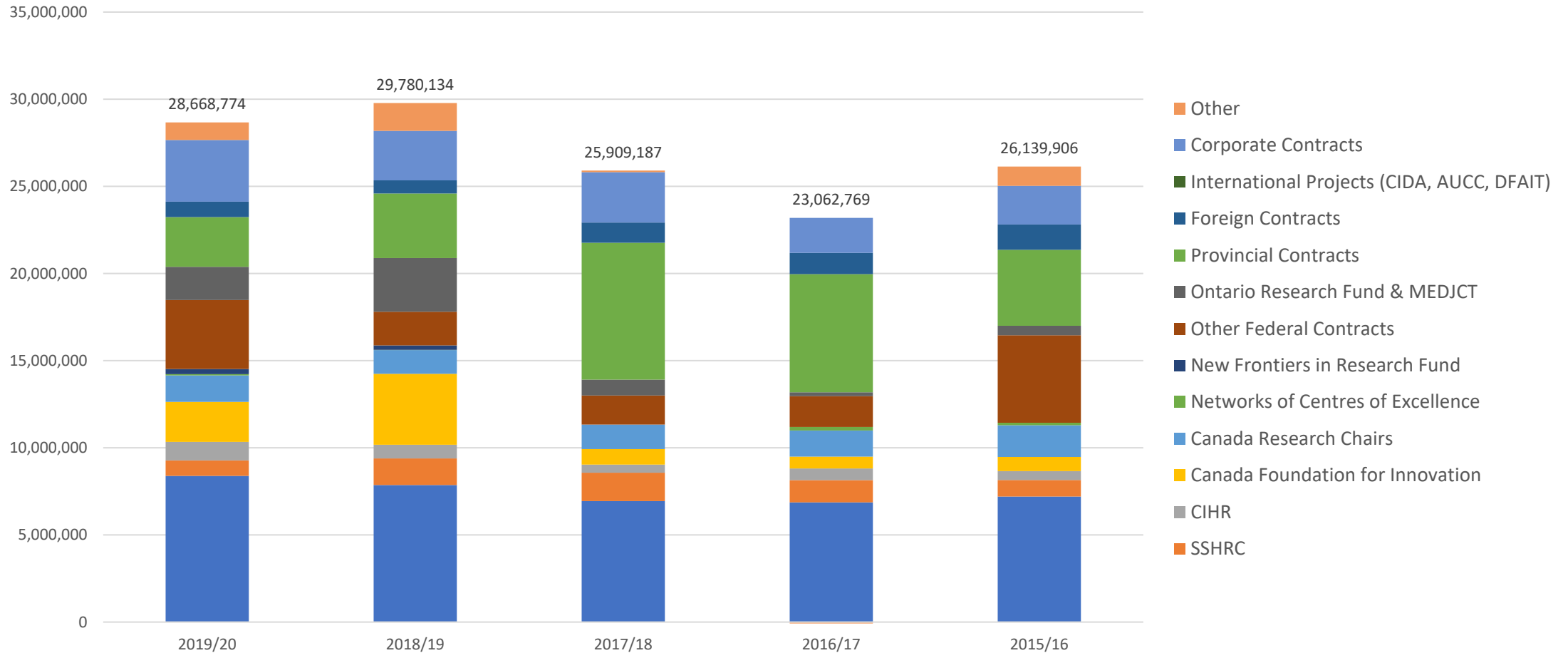
2019-2020

Research Revenue: 5 Year Summary

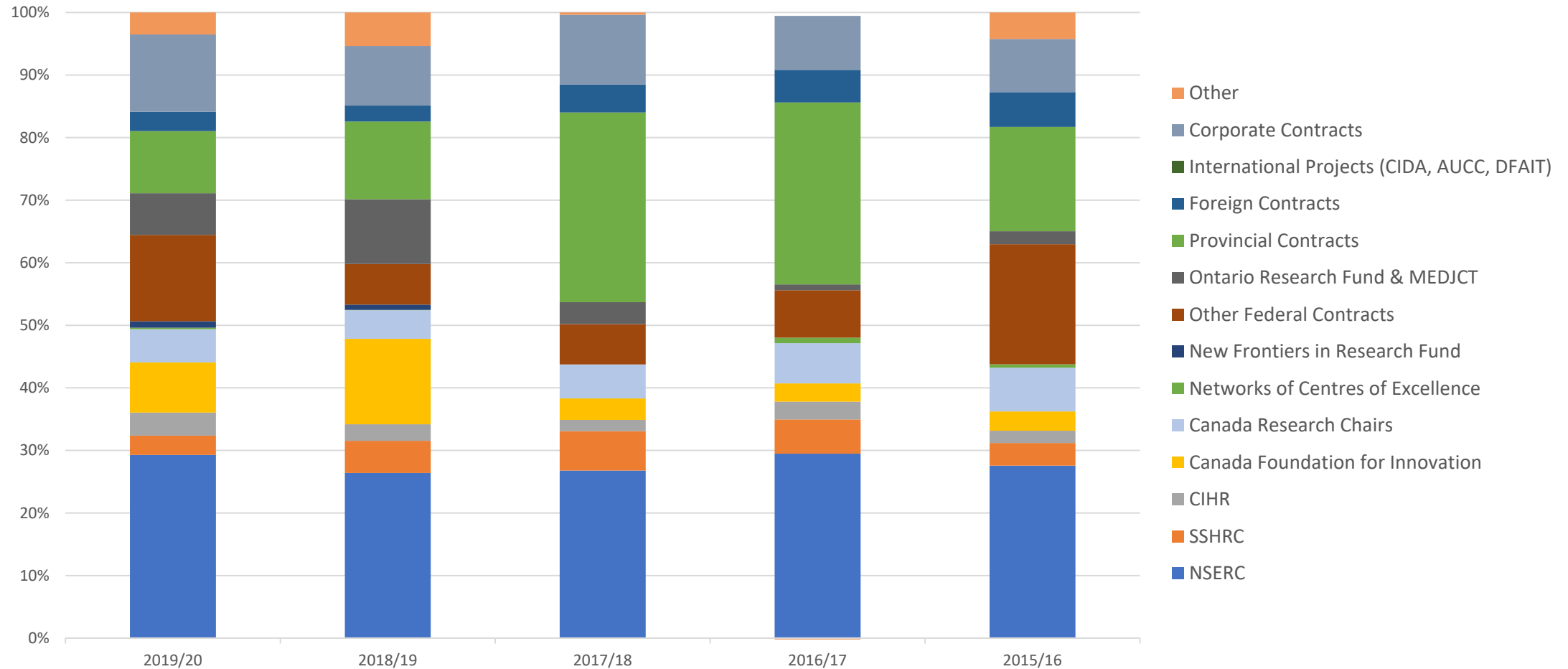
	2019/20	2018/19	2017/18	2016/17	2015/16
Federal and Tri-Council Funding					
NSERC	\$ 8,391,299	\$ 7,861,581	\$ 6,940,025	\$ 6,872,159	\$ 7,205,463
SSHRC	\$ 887,796	\$ 1,528,492	\$ 1,632,303	\$ 1,275,803	\$ 949,047
CIHR	\$ 1,058,362	\$ 736,093	\$ 464,647	\$ 666,046	\$ 511,122
Total Tri-Council Funding	\$ 10,337,457	\$ 10,126,166	\$ 9,036,975	\$ 8,814,009	\$ 8,665,632
Canada Foundation for Innovation	\$ 2,295,612	\$ 4,071,837	\$ 886,682	\$ 678,590	\$ 808,428
Canada Research Chairs	\$ 1,521,260	\$ 1,360,000	\$ 1,411,523	\$ 1,500,000	\$ 1,820,000
Networks of Centres of Excellence	\$ 69,500	\$ 14,400	\$ -	\$ 205,613	\$ 145,310
New Frontiers in Research Fund	\$ 296,619	\$ 250,000			
Other Federal Contracts	\$ 4,048,011	\$ 1,935,741	\$ 1,668,627	\$ 1,767,768	\$ 5,019,636
Total Federal Funding	\$ 8,231,002	\$ 7,631,978	\$ 3,966,832	\$ 4,151,971	\$ 7,793,374
Provincial					
Ontario Research Fund & MEDJCT	\$ 1,906,906	\$ 3,081,932	\$ 908,592	\$ 216,427	\$ 541,536
Provincial Contracts	\$ 2,725,420	\$ 3,699,563	\$ 7,855,311	\$ 6,781,082	\$ 4,359,092
Total Provincial Funding	\$ 4,632,326	\$ 6,781,495	\$ 8,763,902	\$ 6,997,509	\$ 4,900,628
International					
Foreign Contracts	\$ 883,896	\$ 757,789	\$ 1,156,684	\$ 1,216,208	\$ 1,451,912
International Projects (CIDA, AUCC, DFAIT)					
Total International Funding	\$ 883,896	\$ 757,789	\$ 1,156,684	\$ 1,216,208	\$ 1,451,912
Other					
Corporate Contracts	\$ 3,576,344	\$ 2,837,797	\$ 2,890,916	\$ 2,009,776	\$ 2,221,390
Other	\$ 1,007,741	\$ 1,644,909	\$ 93,878	\$ (126,703)	\$ 1,106,970
Total Other External Funding Sources	\$ 4,584,085	\$ 4,482,706	\$ 2,984,794	\$ 1,883,072	\$ 3,328,359
Total External Research Grant Revenue	\$ 28,668,767	\$ 29,780,134	\$ 25,909,187	\$ 23,062,769	\$ 26,139,906



Research Revenue by Source: 5 Year Trend



% Research Revenue by Source: 5 Year Trend

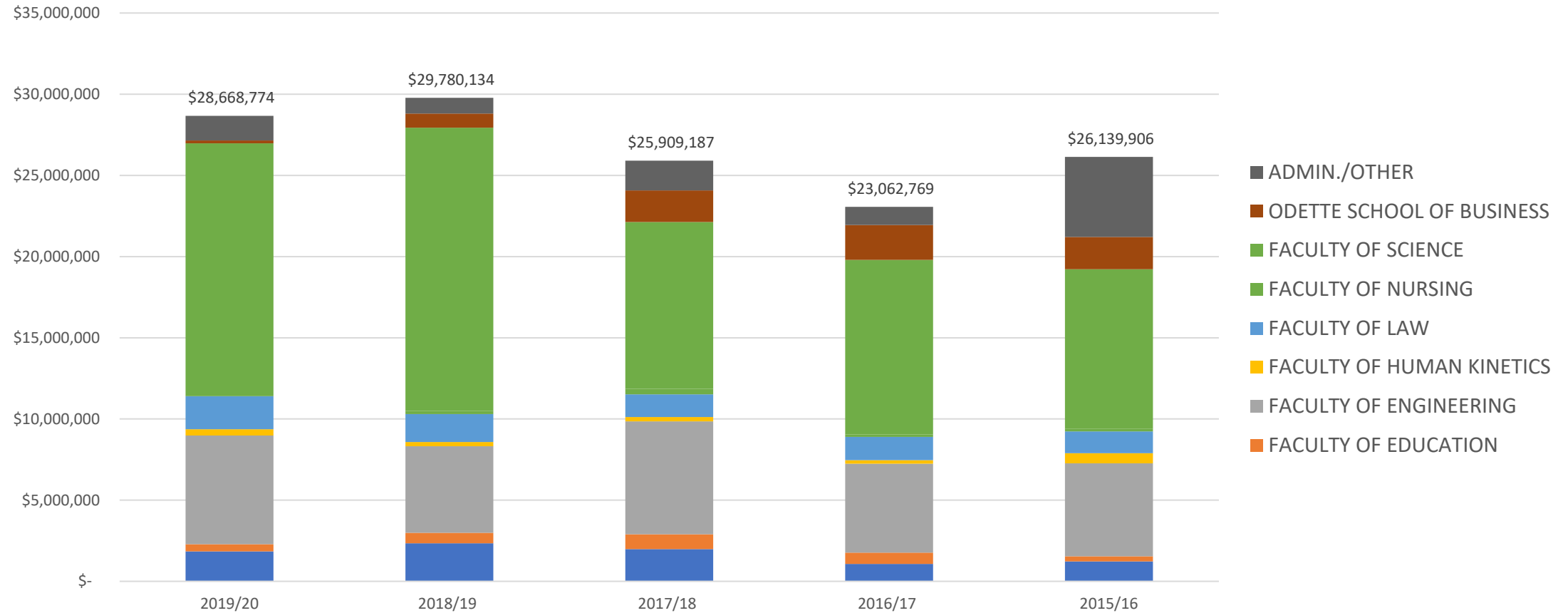




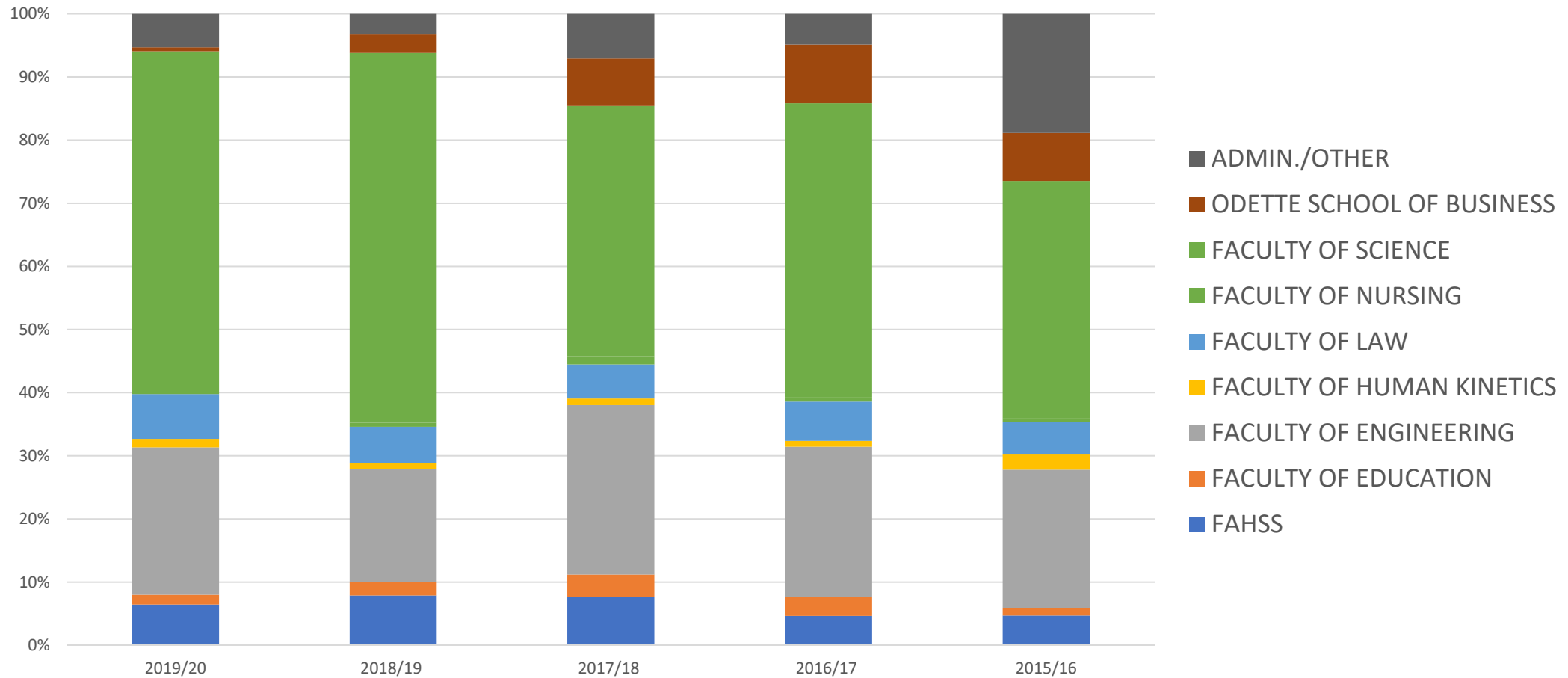
Research Revenue by Faculty

2019-2020

Research Revenue by Faculty – 5 Year Trend



% Research Revenue by Faculty – 5 Year Trend



SSHRC  CRSH



Tri-Agency Funding

2019-2020

Tri-Agency Funding by Agency



\$8,391,299

NSERC

\$887,796

SSHRC



\$1,058,361

CIHR

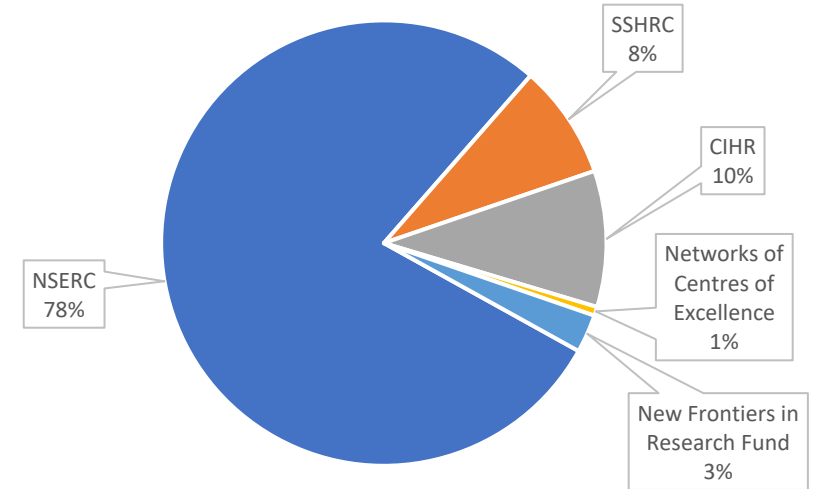
\$296,619

NFRF

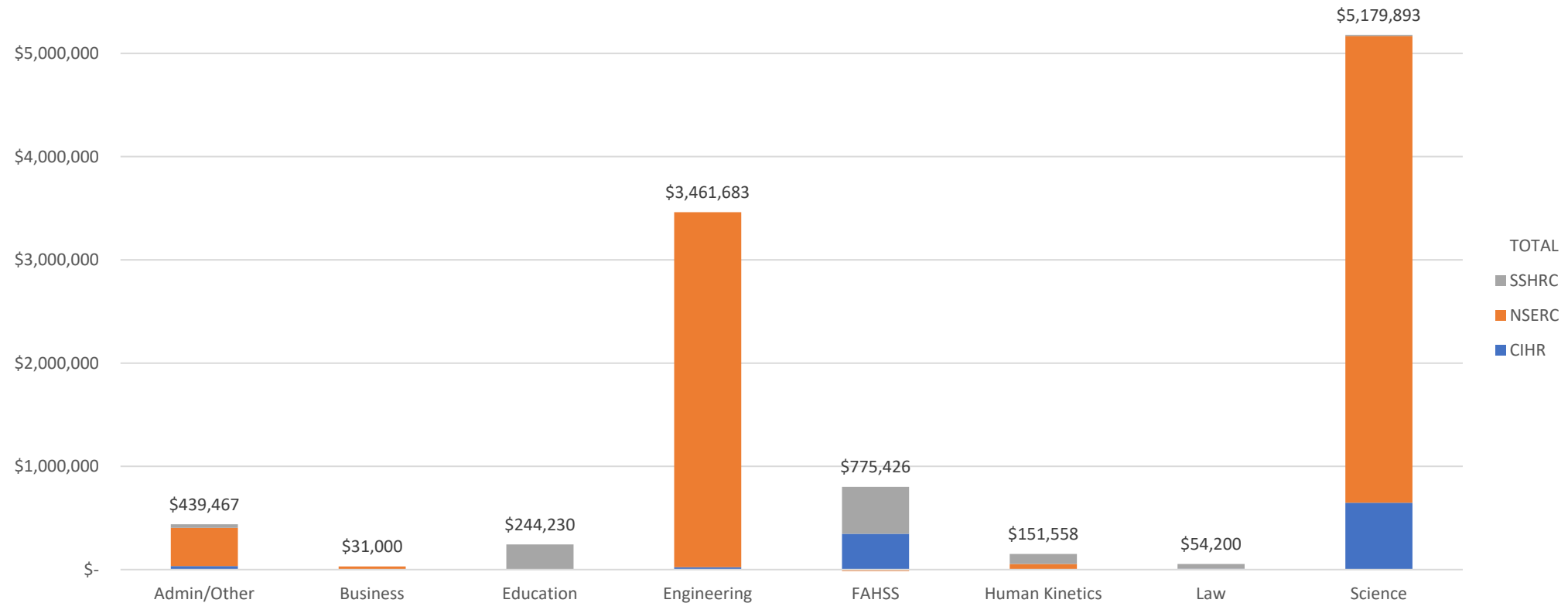


\$69,500

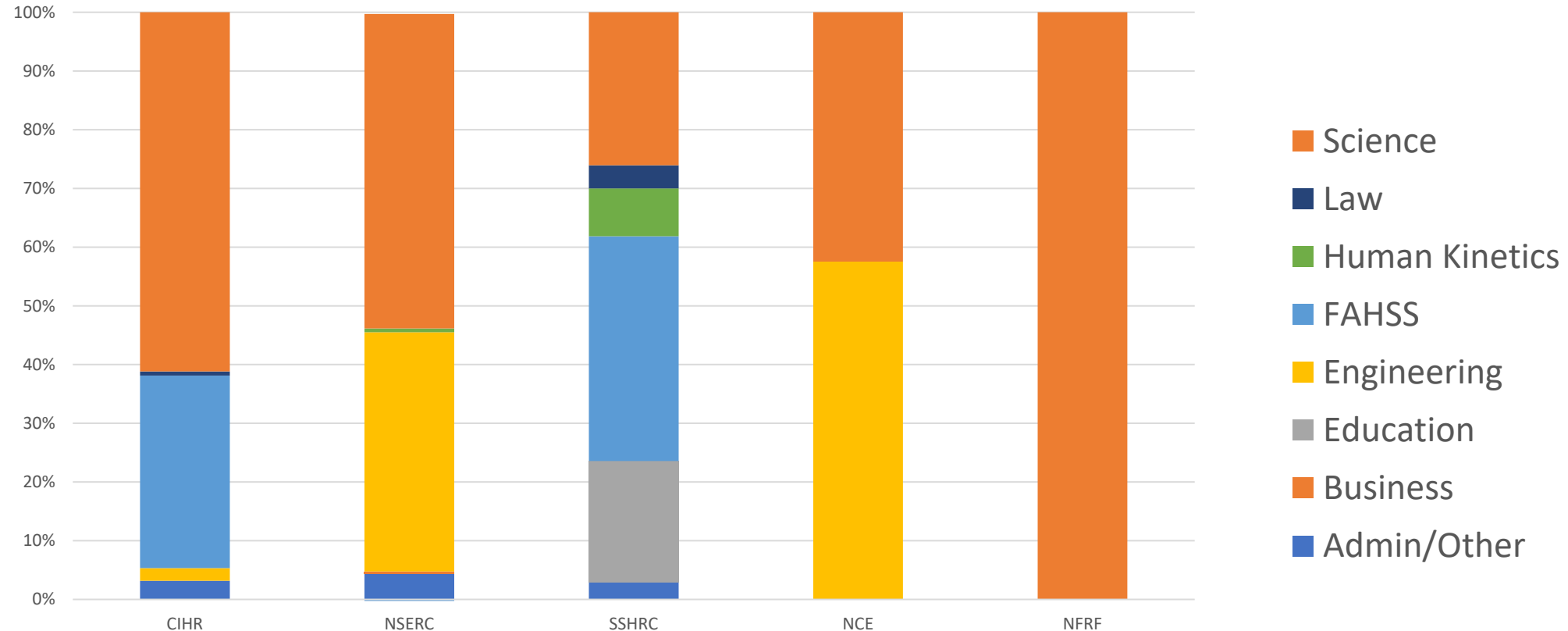
NCE



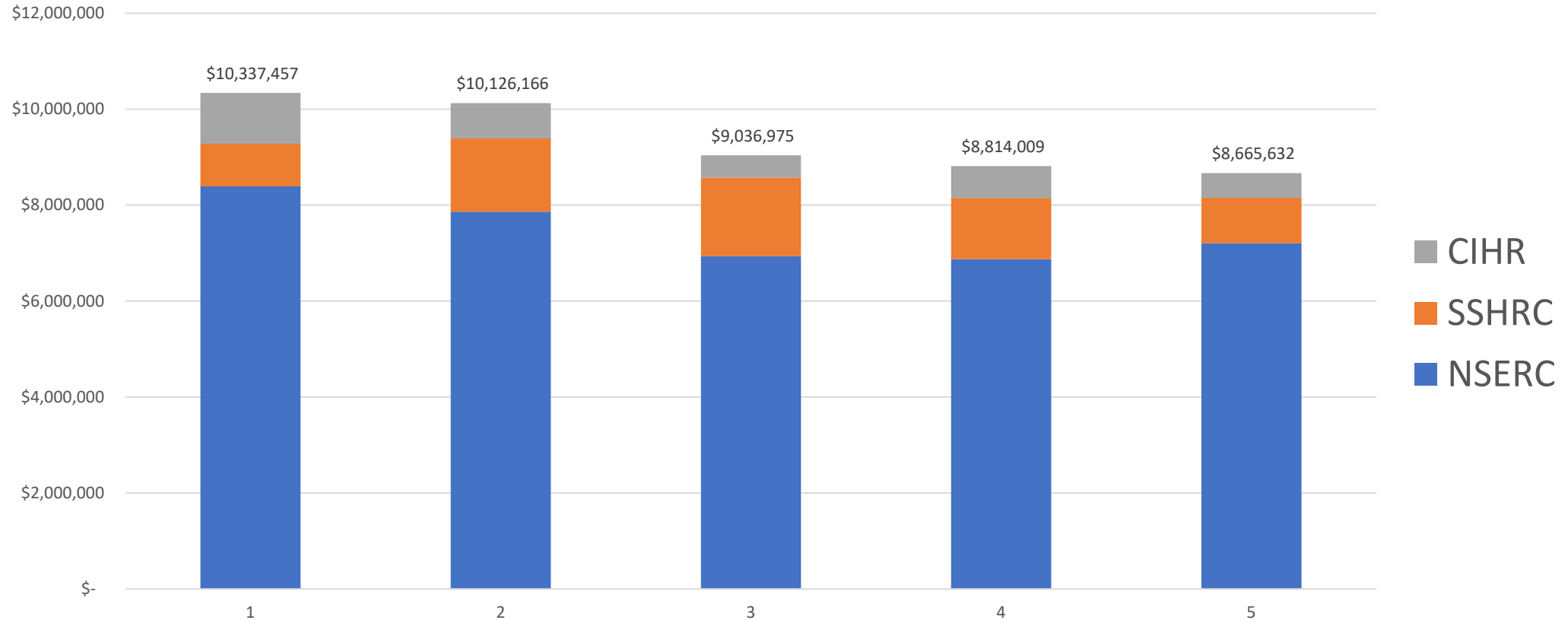
Tri-Agency Funding by Faculty 2019-20



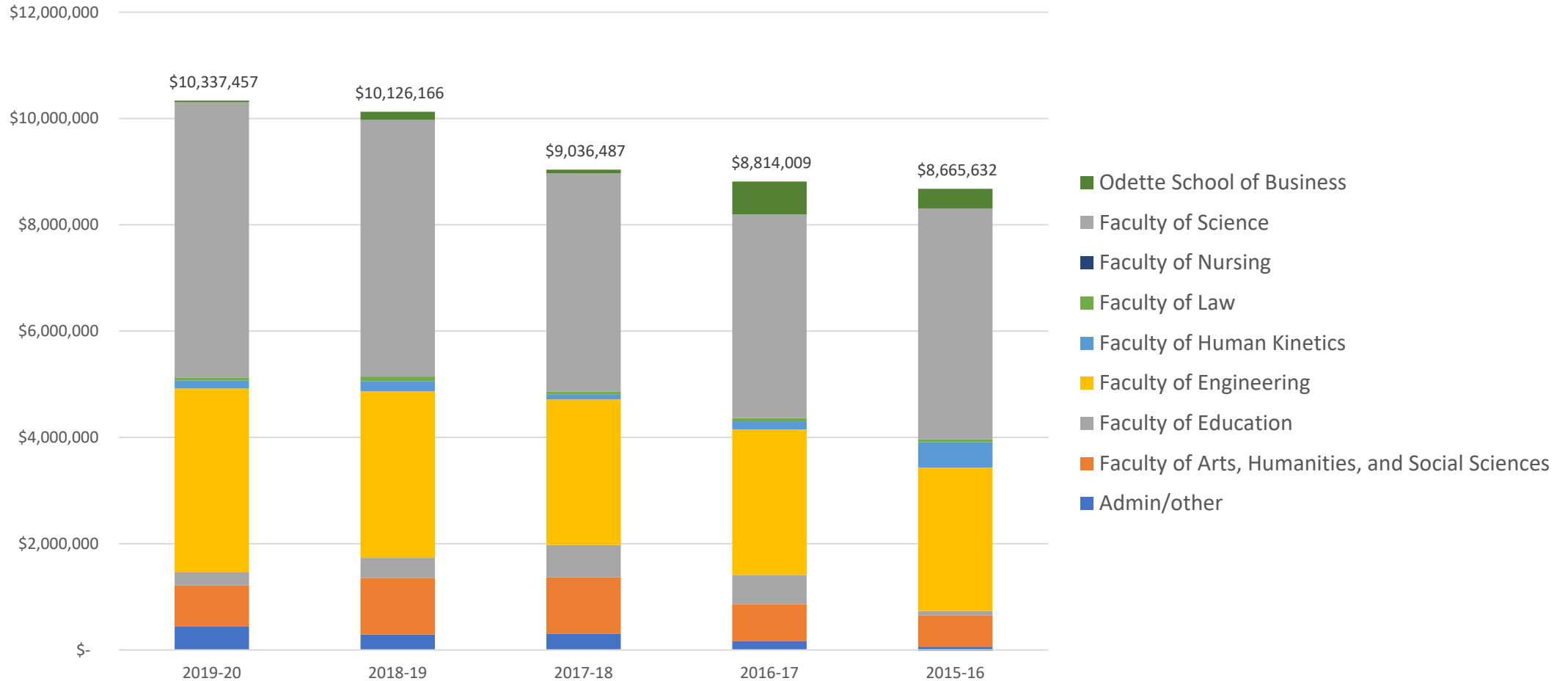
% Tri-Agency Funding by Faculty 2019-20



Tri-Agency Funding – 5 Year Trend



Tri-Agency Funding – 5 Year Trend (by Faculty)



CIHR Funding Snapshot

12

Applications
Submitted

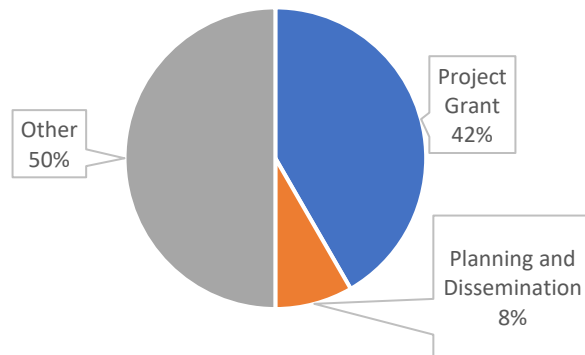
3

Grants
Awarded

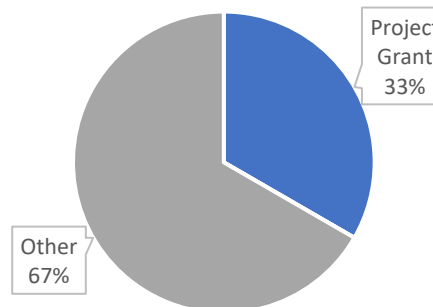
\$1,058,361

CIHR Research Revenue
2019-2020

Programs Applied To



Successful Applications



25%

Our Success Rate

16%

National Success Rate



NSERC Funding Snapshot

92

Applications
Submitted

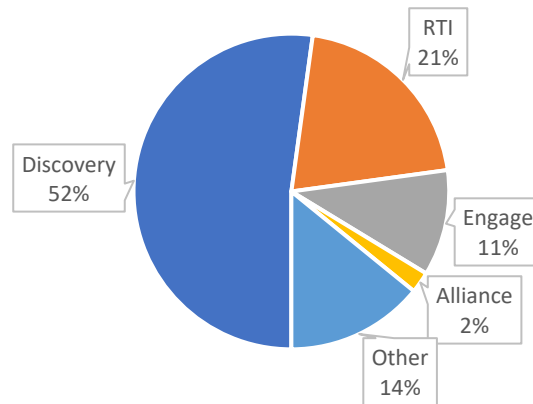
51

Grants
Awarded

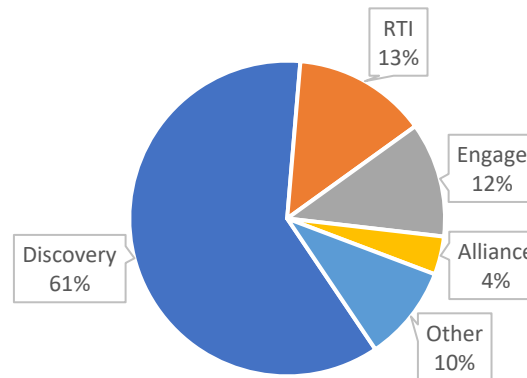
\$8,391,299

NSERC Research Revenue
2019-2020

Programs Applied To



Successful Applications



55%

Our Success Rate

65%

of NSERC Discovery
applications funded!



SSHRC Funding Snapshot

48

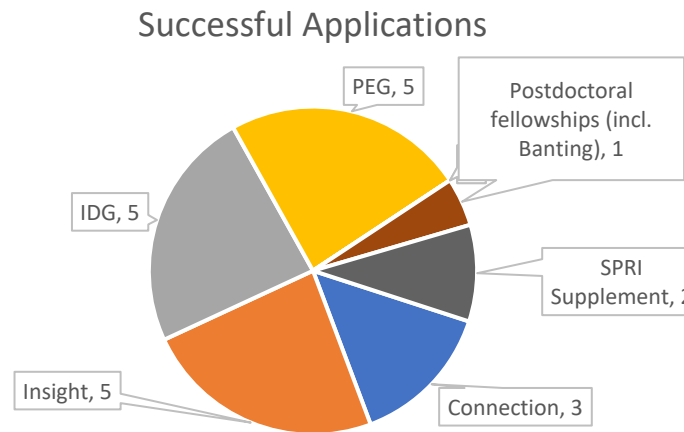
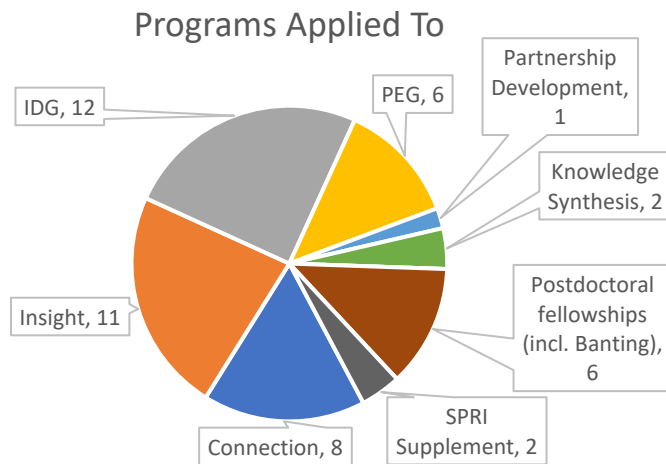
Applications
Submitted

21

Grants
Awarded

\$887,796

SSHRC Research Revenue
2019-2020



44%

Our Success Rate



Tri-Council Success 2019-2020

Agency	Program	Submitted	Successful	Success Rate	National Success Rate
CIHR	Project Grant	5	1	20%	16%
	Planning and Dissemination	1	0	0%	
	Other	6	2	33%	N/A
	Total CIHR	12	3	25%	
NSERC	Discovery	48	31	65%	67%
	RTI	19	7	37%	28%
	Engage	10	6	60%	
	Alliance	2	2	100%	
	Other	13	5	38%	
	Total NSERC	92	51	55%	
SSHRC	Connection	8	3	38%	54%
	Insight	11	5	45%	47%
	IDG	12	5	42%	50%
	PEG	6	5	83%	66%
	Partnership Development	1	0	0%	58%
	Knowledge Synthesis	2	0	0%	
	Partnership (1 or 2)	0	0	0%	28%
	Postdoctoral fellowships (incl. Banting)	6	1	17%	19%
	SPRI Supplement	2	2	100%	
	Total SSHRC	48	21	44%	



Tri-Council Success 2018-2019

Agency	Program	Submitted	Successful	Success Rate	National Success Rate
CIHR	Project	8	1	13%	16%
	Plan & Dissem	3	2	67%	62%
	Other	5	1	20%	N/A
	Total CIHR	16	4	25%	
NSERC	Discovery	52	29	56%	46%
	RTI	17	3	18%	47%
	Engage	6	4	67%	59%
	Other	19	10	53%	56%
	Total NSERC	94	46	49%	
SSHRC	Connection	8	5	63%	43%
	Insight	13	3	23%	45%
	IDG	7	3	43%	50%
	PEG	6	5	83%	56%
	Aid to Scholarly Journals	3	2	67%	80%
	Postdoctoral fellowships (incl. Banting)	4	0	0%	N/A
	SPRI Supplement	2	1	50%	N/A
	Total SSHRC	43	19	44%	



Tri-Council Success 2017-2018

Agency	Program	Submitted	Successful	Success Rate	National Success Rate
CIHR	Project	11	1	9%	15%
	Plan & Dissem	2	1	50%	
	CHRP LOI	2	0	0%	
	Total CIHR	15	2	13%	
NSERC	Discovery	51	29	57%	46%
	RTI (quota based)	14	3	21%	47%
	Engage	26	23	88%	59%
	Other	33	22	67%	56%
	Total NSERC	124	77	62%	
SSHRC	Connection	12	6	50%	56%
	Insight	15	4	27%	40%
	IDG	11	6	55%	32%
	PEG	1	0		N/A
	PG - Stage 1	1	0		37%
	Total SSHRC	40	16	40%	



Tri-Council Success 2016-2017

Agency	Program	Submitted	Successful	Success Rate	National Success Rate
CIHR	Project	3	0	0%	16%
	Other	3	3	100%	N/A
	Total CIHR	6	3	50%	
NSERC	Discovery	54	30	56%	67%
	RTI (quota based)	10	2	20%	N/A
	Engage	19	19	100%	N/A
	Other	15	9	60%	N/A
	Total NSERC	98	60	61%	
SSHRC	Connection	9	4	44%	56%
	Insight	13	3	23%	40%
	IDG	5	1	20%	32%
	Other	2	0	0%	N/A
	PDG	1	0	0%	37%
	Total SSHRC	30	8	27%	



Tri-Council Success 2015-2016

Agency	Program	Submitted	Successful	Success Rate	National Success Rate
CIHR	Project	6	1	17%	13%
	Total CIHR	6	1	17%	
NSERC	Discovery	39	17	44%	66%
	RTI (quota based)	9	2	22%	N/A
	Engage	10	9	90%	N/A
	Other	28	20	N/A	N/A
	Total NSERC	86	48	52%	
SSHRC	Connection	6	2	33%	54%
	Insight	12	2	17%	31%
	IDG	8	4	50%	45%
	PDG	1	0		36%
	PG LOI	1	0		32%
	Total SSHRC	28	8	33%	



Canadian Foundation for Innovation (CFI) and Ministry of Colleges and Universities (MCU) Funding 2019-2020



Ontario

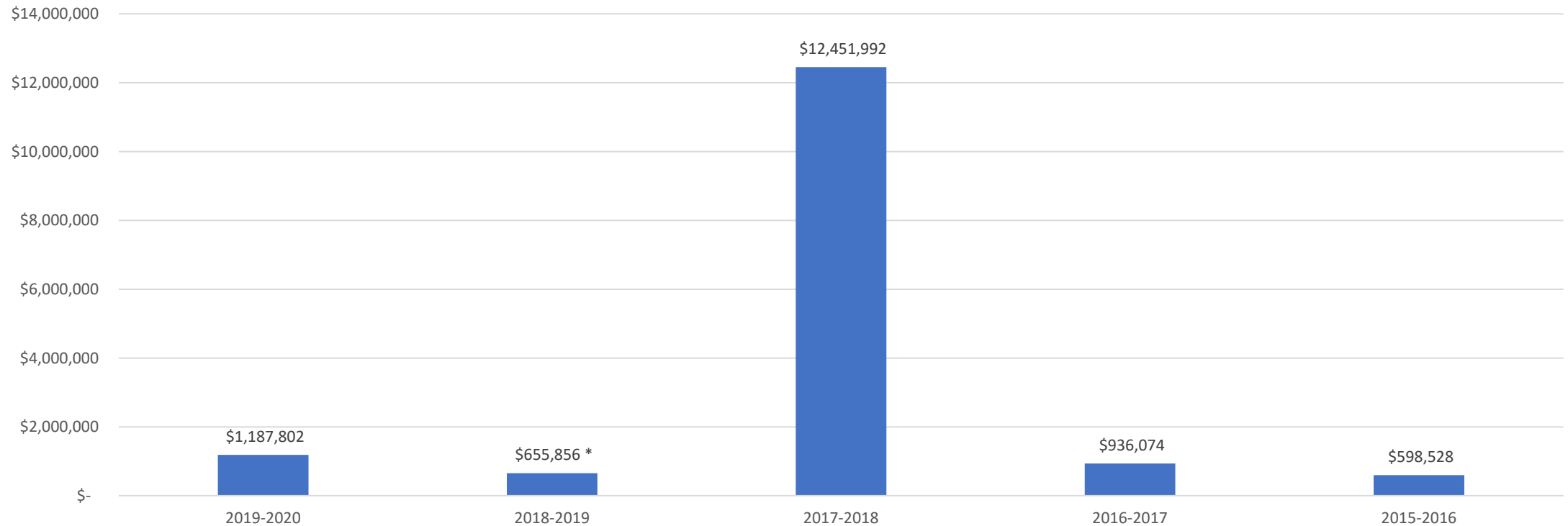
**MINISTRY OF TRAINING
COLLEGES AND UNIVERSITIES**

INNOVATION.CA

CANADA FOUNDATION
FOR INNOVATION

FONDATION CANADIENNE
POUR L'INNOVATION

Awarded CFI and MCU 5 Year Trend



*Note: Amounts presented for 2018-2019 differ from those presented in the 2018-2019 annual report due to a calculation error that reported two awards in the incorrect fiscal year.



CFI and MCU Funding: 5-Year Summary

CFI/ORF Funded Results for 2019-2020 Fiscal Year (May 1, 2019 - April 30, 2020) - 6 Projects Funded			
CFI/MCU	Project/Team leader(s)	Project title	Amount Funded
JELF	Abdelkhalek, Maher	Facility for Research on Sustainable Energy and Battery Management Systems*	\$ 200,000
JELF	Hussey, Nigel	FISHSPACE: Novel cost of life metrics of fish for improved understanding of spatial management*	\$ 188,960
JELF	Van Engelen, Niel	State-of-the-art research facility for earthquake-resilient infrastructure*	\$ 212,000
JELF	Hammond, Thomas John	Attosecond Nanoscopy	\$ 155,520
JELF	Karpowicz, Phillip	Confocal Imaging Infrastructure for Cell Biology and Biochemistry	\$ 281,320
JELF	Maoh, Hanna	Real-time Traffic Monitoring System for Studying Traffic at Canada's Busiest Land Border Crossing	\$ 150,002
2019-2020			\$ 1,187,802
CFI/ORF Funded Results for 2018-2019 Fiscal Year (May 1, 2018 - April 30, 2019) - 5 Projects Funded			
CFI/MCU	Project/Team leader(s)	Project title	Amount Funded
JELF	Emadi, Arezoo	Advanced Flow Management System for Development of Smart Sensor Systems and E-nose Mapping	\$ 96,000
JELF	Albanese, John	Bioarchaeology and Forensics Portable 3D Osteology Lab	\$ 90,000
JELF	Jianu, Ofelia	Transport Phenomena in Multiphase Reacting Flows for Performance Improvement of Sustainable Energy Systems	\$ 137,230
JELF	Willet, Jennifer	INCUBATOR Lab: advanced bioart laboratory and multimedia theatre	\$ 200,000
JELF	Ahamed, Mohammed Jalal	Establishing high resolution facility for micro-component dynamic vibration analysis	\$ 132,626
2018-2019			\$ 655,856

**Note: these projects were erroneously recorded as 2018-2019 awards in the annual report for that year.*



CFI and MCU Funding: 5-Year Trend

CFI/ORF Funded Results for 2017-2018 Fiscal Year (May 1, 2017 - April 30, 2018) - 2 Projects Funded			
CFI/MCU	Project/Team leader(s)	Project title	Amount Funded
IF/ORF	Fisk, Aaron	Real-time Aquatic Ecosystem Observation Network (RAEON)	\$ 11,891,992
JELF	Carmichael, Tricia	Establishment of the Functional Organic Materials Research Centre	\$ 560,000
2017-2018			\$ 12,451,992
CFI/ORF Funded Results for 2016-2017 Fiscal Year (May 1, 2016 - April 30, 2017) - 6 Projects Funded			
CFI/MCU	Project/Team leader(s)	Project title	Amount Funded
JELF	Chowdhury, Sazzadur	Investigation of Nanoscale Smart Surfaces	\$ 568,202
JELF	Heath, Daniel	Automated Liquid Handling Facility for Environmental Research at the Cellular, Organismal and Ecosystem Levels	\$ 143,710
JELF	Karpowicz, Phillip	Animal Tissue Preparation Infrastructure	\$ 35,000
JELF	Loeb, Stephen	PROTO benchtop AXRD powder X-ray diffractometer	\$ 83,162
JELF	Eichhorn, Holger	Analytical and semi-preparative HPLC	\$ 42,000
JELF	Xu, Shijing	Virtual Communication System for Reciprocal Learning and Research between Canada and China	\$ 64,000
2016-2017			\$ 936,074
CFI/ORF Funded Results for 2015-2016 Fiscal Year (May 1, 2015 - April 30, 2016) - 2 Projects Funded			
CFI/MCU	Project/Team leader(s)	Project title	Amount Funded
JELF	Karpowicz, Phillip	Quantitative Tissue Imaging for Physiological and Genetic Analysis	\$ 200,000
JELF	Maclsaac, Hugh	Advancing Great Lakes Science	\$ 398,528
2015-2016			\$ 598,528



CFI and MCU Success Rates: 5-Year Trend

CFI Success - Results for 2018 Fiscal Year (May 1, 2019- April 30, 2020)						
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)
JELF/ORF	4	712,180	3	586,842	75	82
IF/ORF-RI	2	23,236,088	0	0	0	0
Total CFI	6	23,948,268	3	586,842	50	2
CFI Success - Results for 2018 Fiscal Year (May 1, 2018- April 30, 2019)						
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)
JELF/ORF	7	1,160,816	7	1,160,816	100	100
Total CFI	7	1,160,816	7	1,160,816	100	100
CFI Success - Results for 2017 Fiscal Year (May 1, 2017 - April 30, 2018)						
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)
JELF/ORF	3	856,000	2	656,000	67	77
Total CFI	3	856,000	2	656,000	67	77

Note: This table shows how many projects submitted in a given year were ultimately successful. Numbers may differ from awards in the same year, as applications submitted in one year are often not awarded until the following year.



CFI and MCU Success Rates: 5-Year Trend

CFI Success - Results for 2016 Fiscal Year (May 1, 2016 - April 30, 2017)						
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)
JELF/ORF	6	936,074	6	936,074	100	100
IF/ORF	2	16,428,470	1	11,891,992	50	72
Total CFI	8	936,074	7	936,074	88	100
CFI Success - Results for 2015 Fiscal Year (May 1, 2015 - April 30, 2016)						
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)
JELF/ORF	1	398,528	1	398,528	100	100
Total CFI	1	398,528	1	398,528	100	100

Note: This table shows how many projects submitted in a given year were ultimately successful. Numbers may differ from grants awarded in the same year, as applications submitted in one year are often not awarded until the following year.





Canada Research Chairs

2019-2020

Canada Research Chairs 2019-2020

Name	Department	Canada Research Chair in...	Tier
Aaron Fisk	GLIER	Changing Great Lakes Ecosystem	1
Stephen Loeb	Chemistry & Biochemistry	Supramolecular Chemistry & Functional Materials	1
Hugh MacIsaac	GLIER	Aquatic Invasive Species	1
Charlene Senn	Psychology	Sexual Violence	1
Oliver Love	Biological Sciences	Integrative Ecology	2
Jennifer Willett	SOCA	Art, Science and Ecology	2
Shijing Xu	Education	International and Intercultural Reciprocal Learning in Education	2
Catherine Febria	GLIER	Freshwater Restoration Ecology	2

8

Active
Chairs

2

Active
Searches

\$1,521,26

Annual Funding





Internal Grant Funding

2019-2020

Photo credit: Justin Elliot

Internal Grant Programs

The University of Windsor provides support for its researchers through funding competitions administered by the Office of Research and Innovation Services (ORIS). The charts below outline the ORIS Internal Grants Programs which provide funding opportunities for researchers aimed at increasing the success rates for external funding programs. Outlined here is a short description of each funding program:

- **UWindsor Travel-SSHRC Exchange Grant (UWT-SEG):** Travel funds are provided for presenting papers at conferences [previously called Academic Development Travel Fund (ADTF)], and Knowledge Mobilization funds are available for other types of knowledge transfer.
- **UWindsor SSHRC Explore:** Seed grants for social sciences and humanities researchers aimed at strengthening external grant applications [previously called Grant Humanities and Social Sciences Research Grants (HSSRG)].
- **Tri-Success Grant Program (TSGP):** Funds provided for proposal development for those receiving minimum levels of ranking with respect to each of the Tri-Council (CIHR, NSERC, SSHRC) operating grant competitions.
- **Undergraduate Research Experience (URE) Grants:** Grants for projects that involve University of Windsor undergraduates in research and scholarly activities and encourage faculty to mentor students as they pursue research.
- **Research Grants for Women:** Seed grants for female researchers aimed at strengthening external grant applications.



Internal Grants Funding Snapshot 2019-20

73

Applications Submitted

67

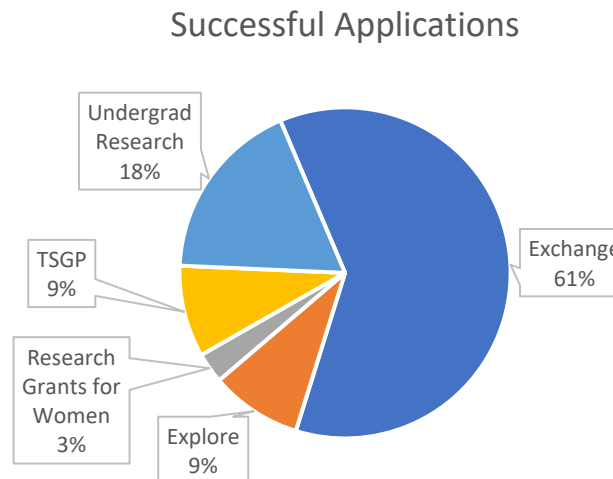
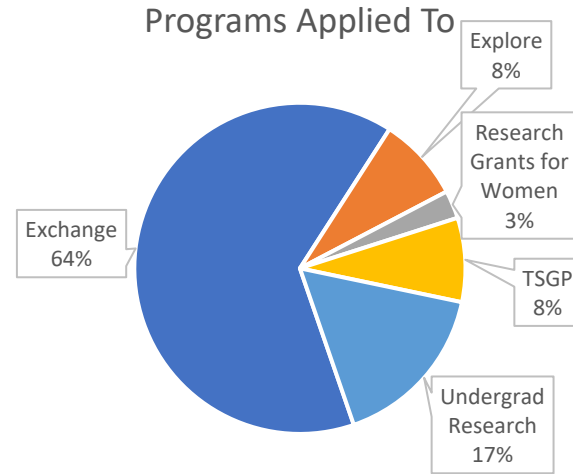
Grants Awarded

\$141,000

Funds Requested

\$135,000

Funds Awarded

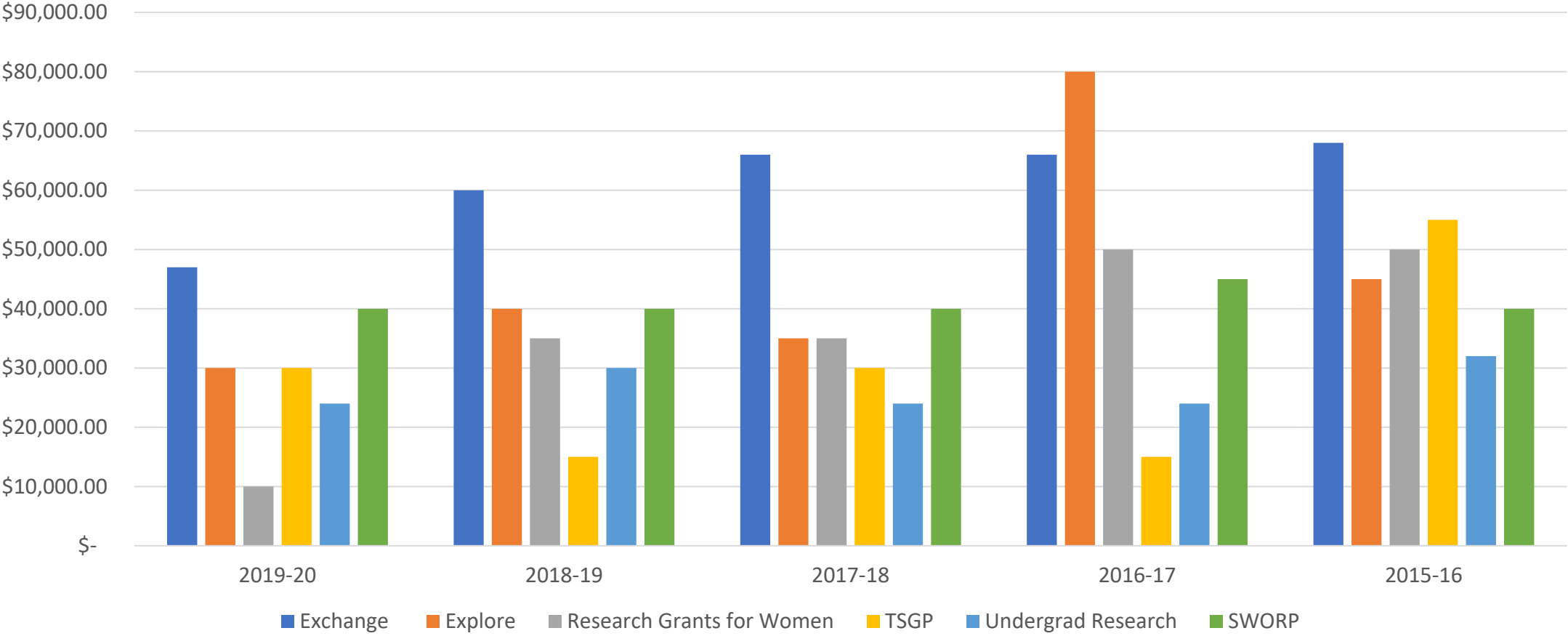


90%

Our Success Rate



Internal Grant awards - 5-Year Summary



Internal Grants Program: 5-Year Summary

Internal Programs Success - Results for 2019-20 (May 1, 2019 - April 30, 2020)									
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)	External Submitted	External Awarded	Success Rate (%)
UWT-SET Exchange	47	\$47,000	41	\$41,000	87	87	N/A	N/A	N/A
UW-SE Explore	6	\$30,000	6	\$30,000	100	100	1		0
TSGP	6	\$30,000	6	\$30,000	100	100	2	2	100
URE	12	\$24,000	12	\$10,380	100	43	N/A	N/A	N/A
WOMEN'S	2	\$10,000	2	\$10,000	100	100	13	8	62
TOTAL	73	\$141,000	67	\$121,380	92	86	16	10	63
Internal Programs Success - Results for 2018-19 (May 1, 2018 - April 30, 2019)									
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)	External Submitted	External Awarded	Success Rate (%)
UWT-SET Exchange	65	\$65,000	63	\$63,000	97	97	N/A	N/A	N/A
UW-SE Explore	8	\$39,400	4	\$19,480	50	49	1		0
TSGP	3	\$14,940	2	\$9,940	67	67	4	2	50
URE	15	\$29,560	7	\$10,380	47	35	N/A	N/A	N/A
WOMEN'S	7	\$34,920	5	\$24,910	71	71	4	3	75
TOTAL	98	\$183,820	81	\$127,710	83	69	9	5	56
Internal Programs Success - Results for 2017-18 (May 1, 2017 - April 30, 2018)									
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)	External Submitted	External Awarded	Success Rate (%)
UWT-SET Exchange	77	\$64,752	74	\$61,752	96	95	N/A	N/A	N/A
UW-SE Explore	7	\$31,744	5	\$25,000	71	79	TBD	TBD	TBD
TSGP	6	\$30,000	3	\$30,000	50	100	5	2	40
URE	12	\$27,970	9	\$15,900	75	57	N/A	N/A	N/A
WOMEN'S	7	\$34,561	5	\$25,000	71	72	2	2	100
TOTAL	109	\$189,027	96	\$157,652	88	83	7	4	57



Internal Grants Program: 5-Year Summary

Internal Programs Success - Results for 2016-17 (May 1, 2016 - April 30, 2017)									
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)	External Submitted	External Awarded	Success Rate (%)
ADTF	72	\$72,220	72	\$72,220	100	100	N/A	N/A	N/A
HSSRG	16	\$75,265	8	\$38,865	50	52	TBD	TBD	TBD
TSGP	3	\$30,000	3	\$30,000	100	100	3	2	67
URE	12	\$23,889	9	\$15,900	75	67	N/A	N/A	N/A
WOMEN'S	10	\$49,540	5	\$24,788	50	50	TBD	TBD	TBD
TOTAL	113	\$250,914	97	\$181,773	86	72	3	2	67
Internal Programs Success - Results for 2015-16 (May 1, 2015 - April 30, 2016)									
Program	Submitted	Requested (cash)	Successful	Awarded (cash)	Success Rate (%)	Funding Rate (%)	External Submitted	External Awarded	Success Rate (%)
ADTF	69	\$69,000	68	\$68,000	99	99	N/A	N/A	N/A
HSSRG	9	\$44,487	6	\$29,600	67	67	TBD	TBD	TBD
TSGP	11	\$111,500	11	\$111,500	100	100	9	2	22
URE	16	\$31,263	7	\$13,768	44	44	N/A	N/A	N/A
WOMEN'S	10	\$49,464	9	\$44,600	90	90	TBD	TBD	TBD
TOTAL	115	\$305,714	101	\$267,468	88	87	9	2	22

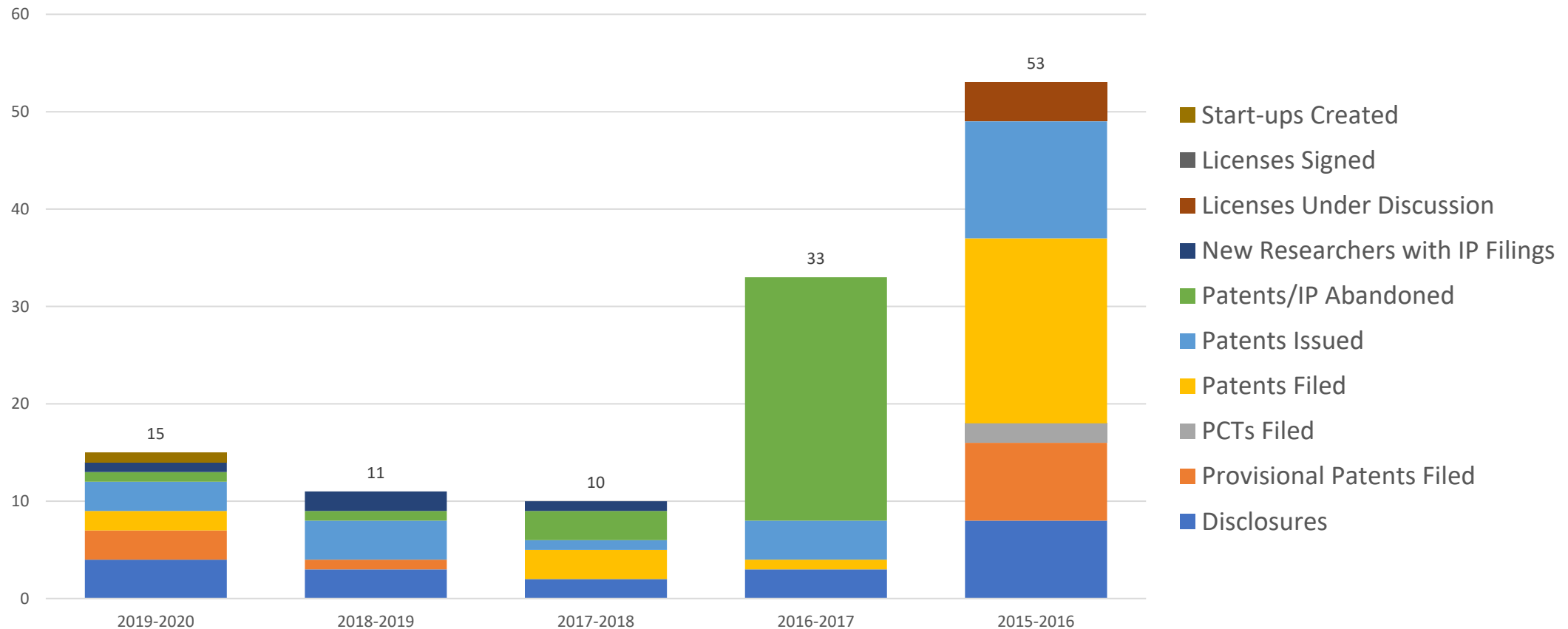




Intellectual Property and Technology Transfer

2019-2020

Total Patents Pending – 5 Year Summary

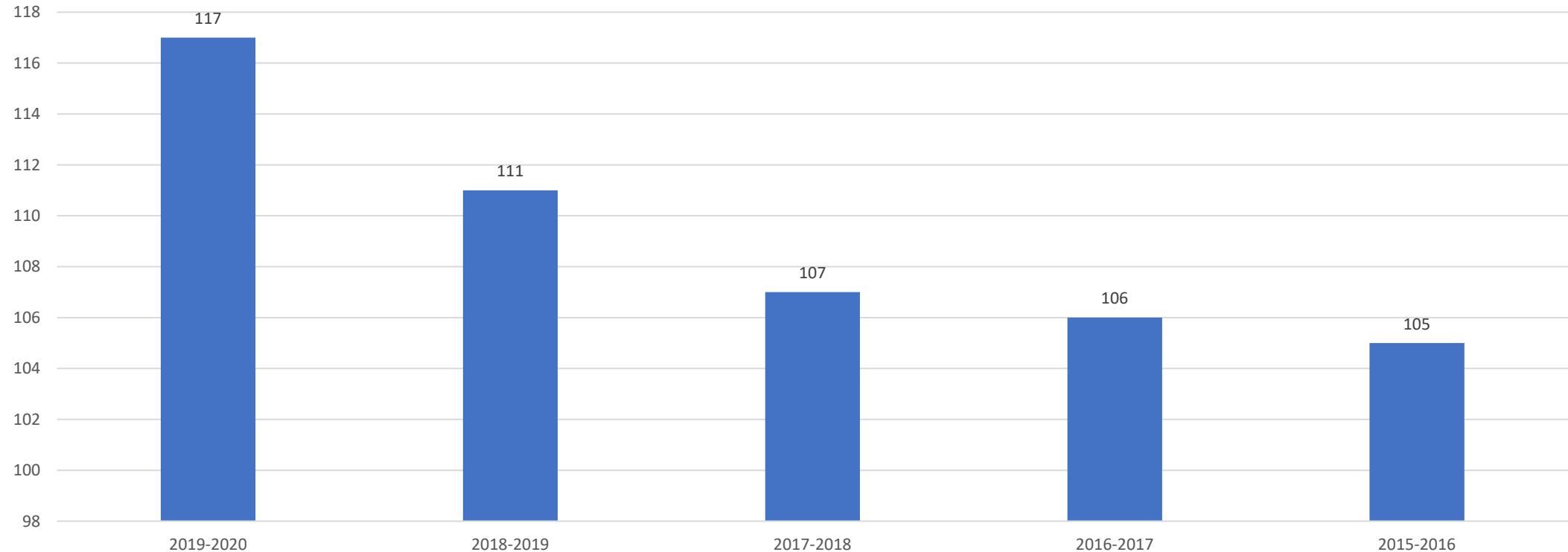


Intellectual Property Management and Technology Transfer: 5-Year Summary

	2019-2020	2018-2019	2017-2018	2016-2017	2015-2016	Total
Disclosures	4	3	2	3	8	20
Provisional Patents Filed	3	1	0	0	8	12
PCTs Filed	0	0	0	0	2	2
Patents Filed	2	0	3	1	19	25
Patents Issued	3	4	1	4	12	24
Patents/IP Abandoned	1	1	3	25	0	30
New Researchers with IP Filings	1	2	1	0	0	4
Licenses Under Discussion	0	0	0	0	4	4
Licenses Signed	0	0	0	0	0	0
Start-ups Created	1	0	0	0	0	1
TOTAL IP AND CONTRACTS	15	11	10	33	53	122



Technologies in IP Inventory – 5 Year Trend



*Active through inventor or University, closed or returned - Total tech files in Inteum

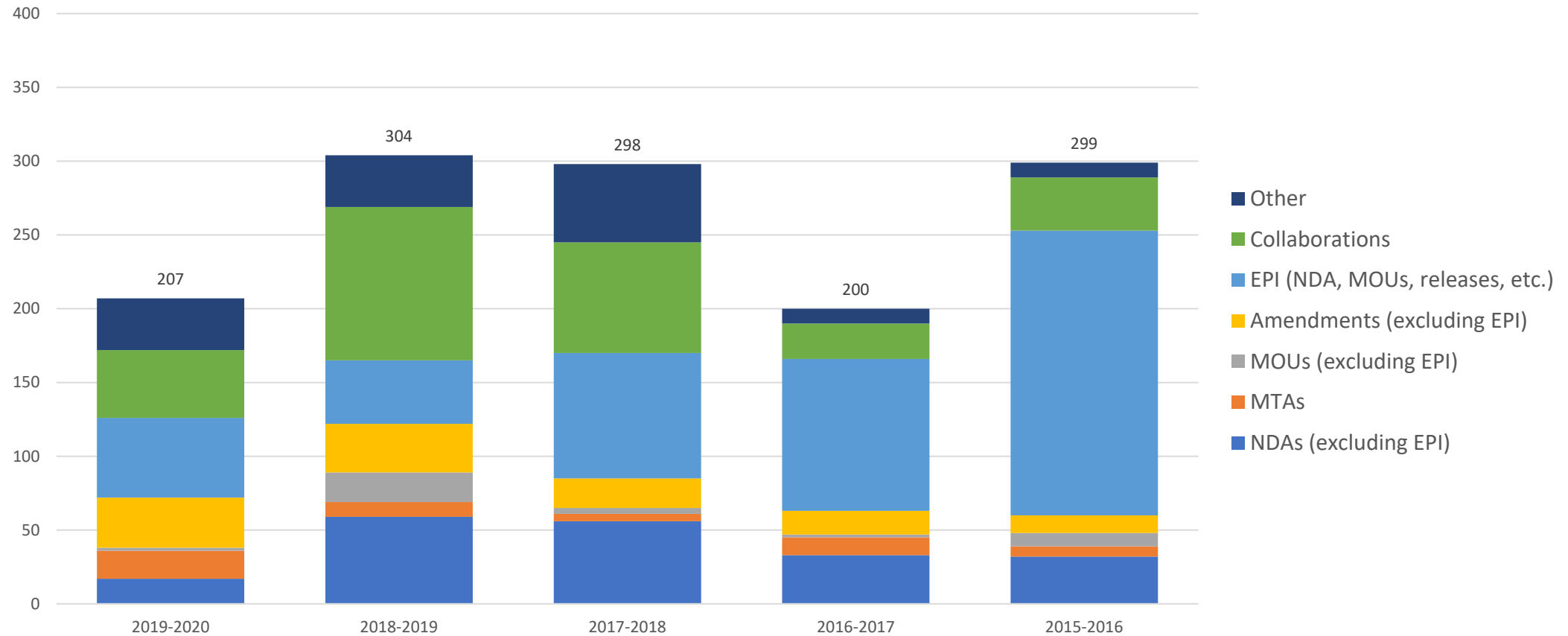




Research Contracts

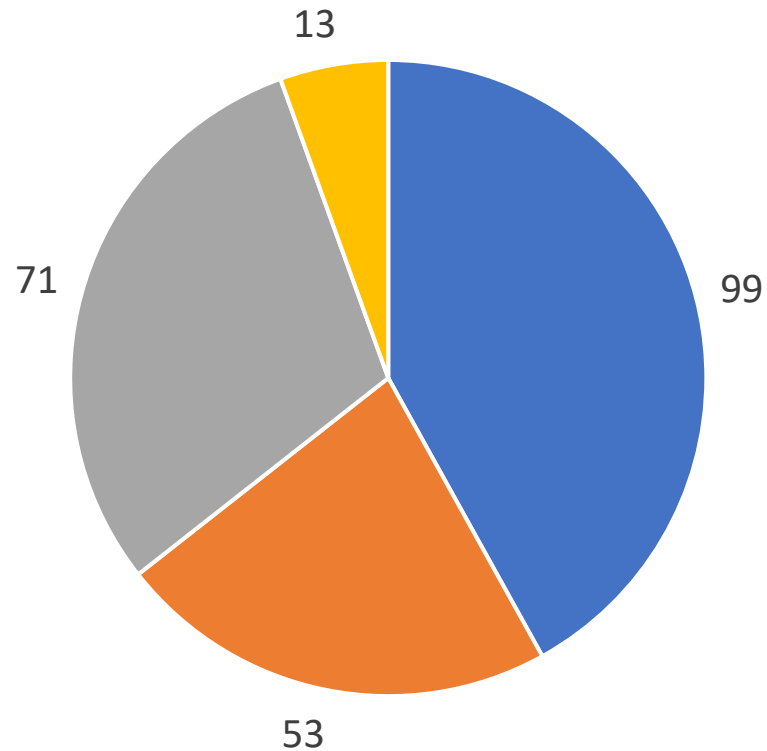
2019-2020

Contracts and Legal Documents Executed

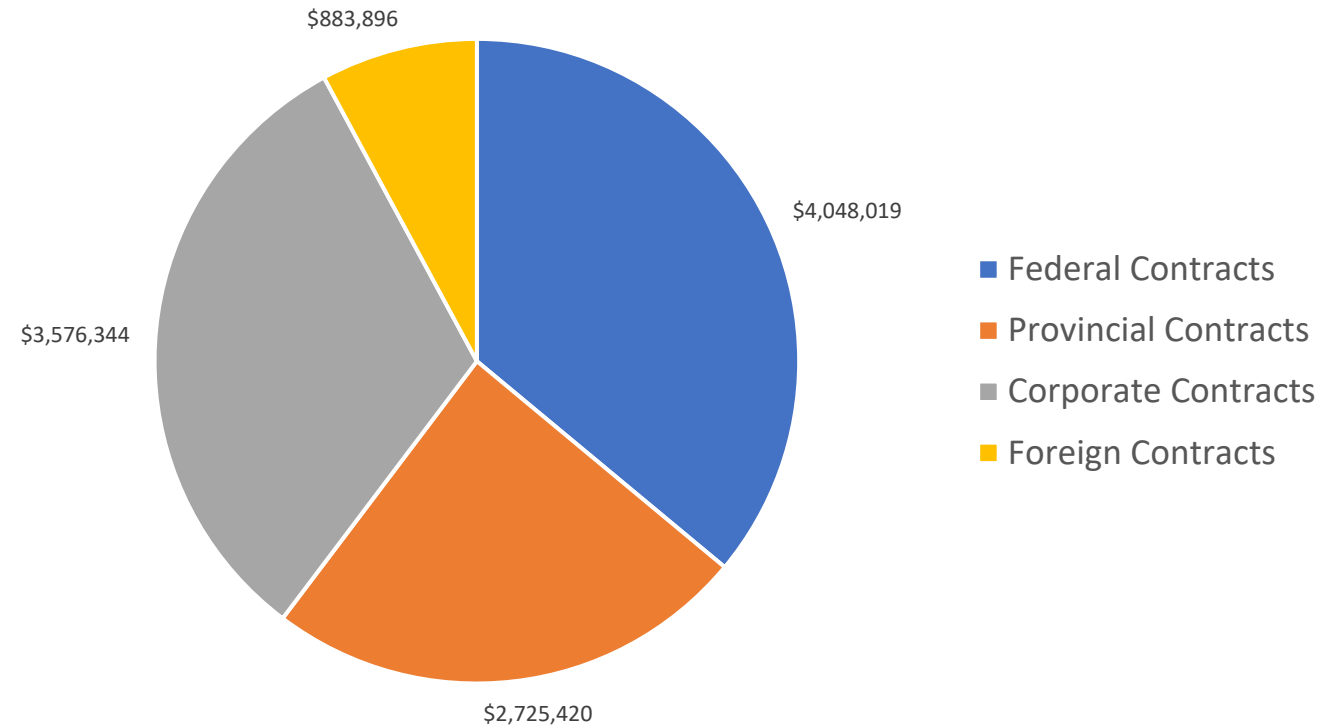


Research Contract Sources 2019-20

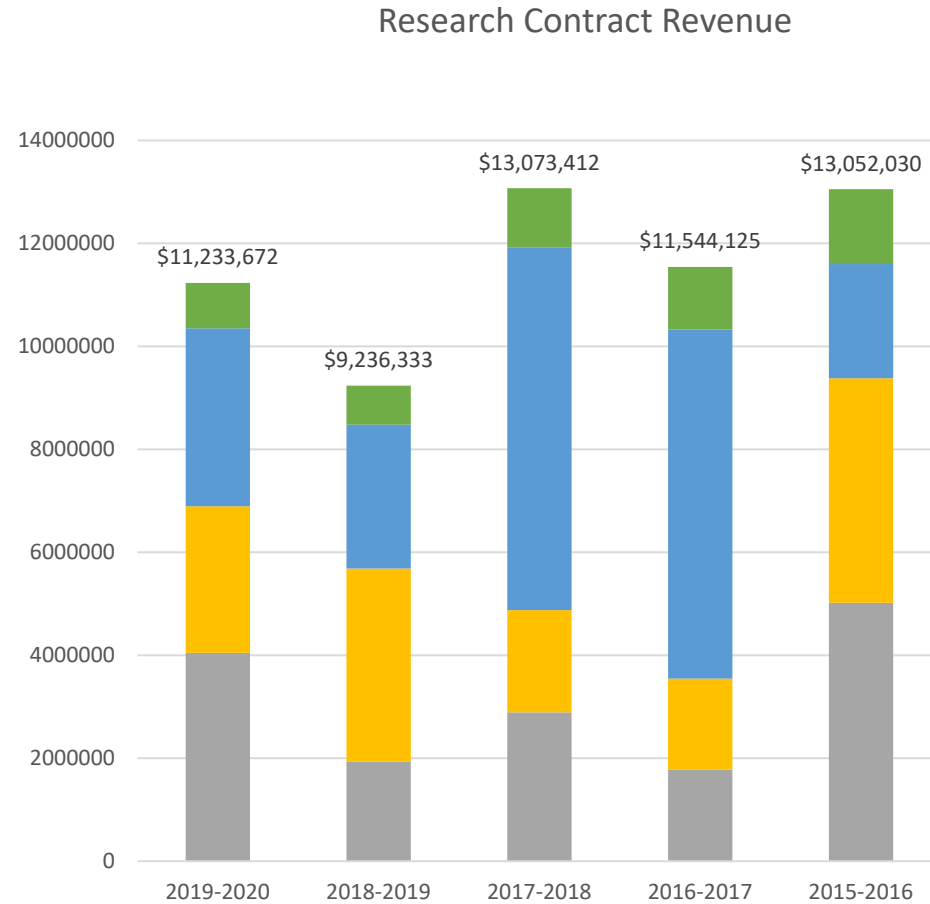
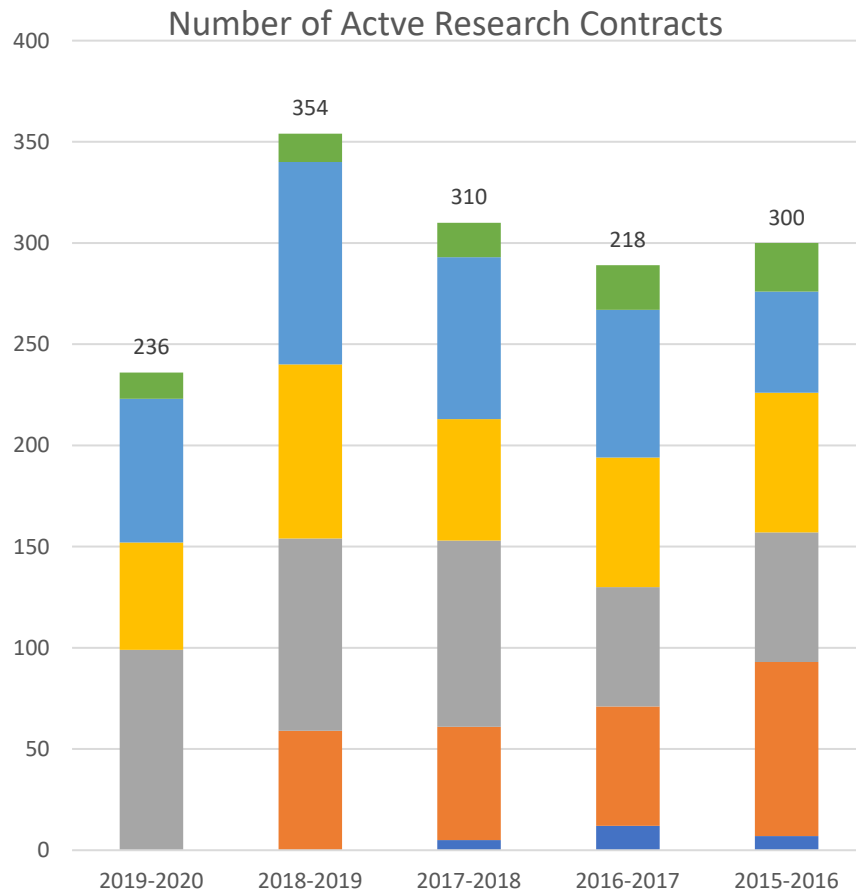
Number of Research Contracts by Source



Research Contract Revenue by Source



Research Contracts – 5 Year Trend



- Foreign Contracts
- Corporate Contracts
- Provincial Contracts
- Federal Contracts
- Non-Disclosure Agreements
- Material Transfer Agreements

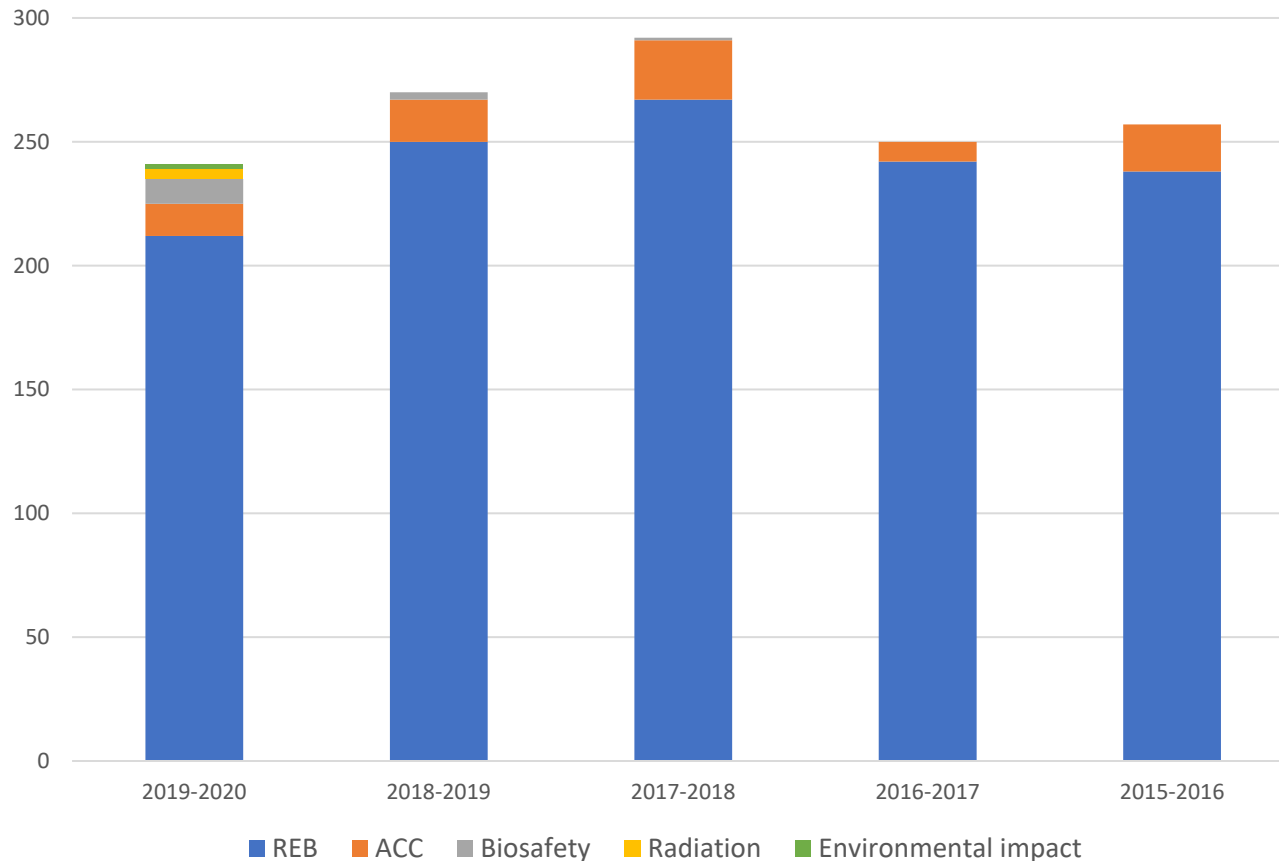




Ethics, Biosafety and Animal Care

2019-2020

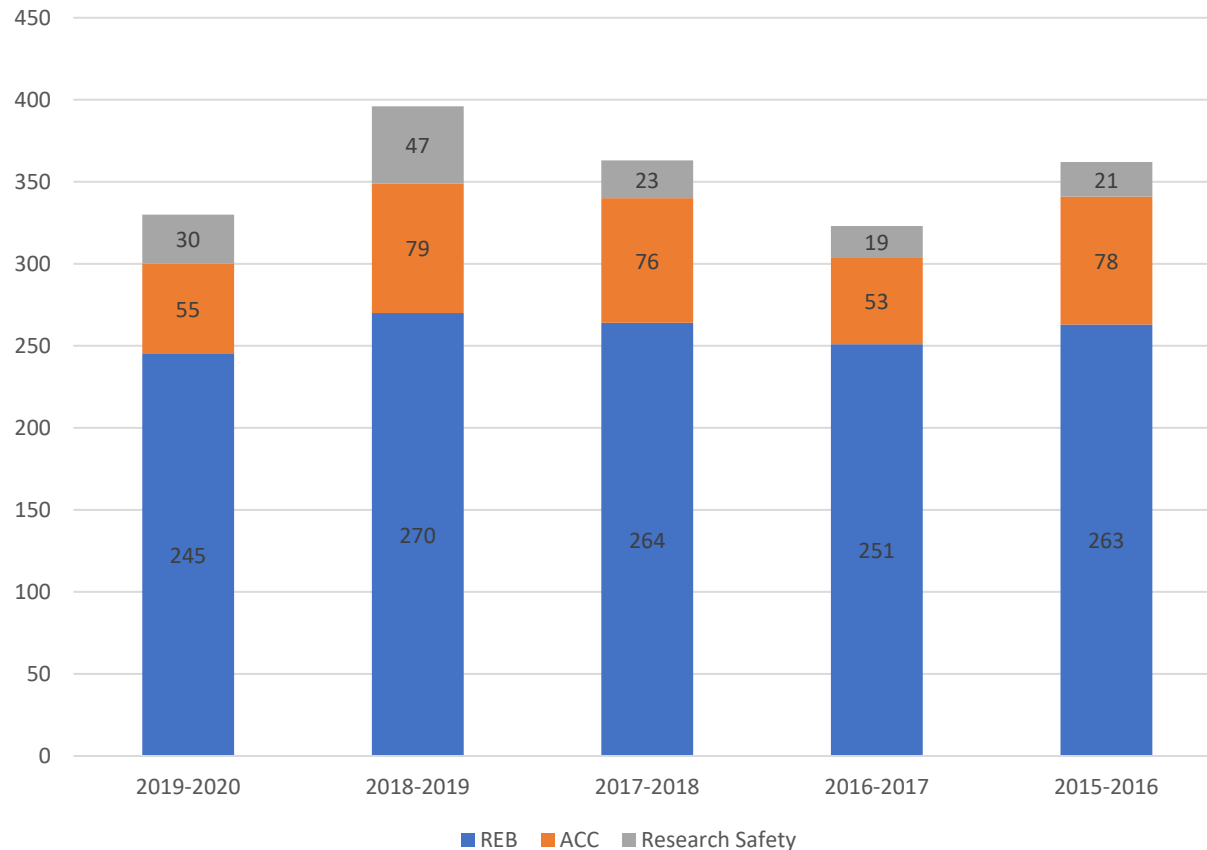
New Certifications and Clearances Issued



- At the end of 2019-20 new applications to certifications and clearances were impacted by the COVID-19 Pandemic and the shutdown of on-campus research
- It is expected that a corresponding surge in applications will be reflected in the 2020-21 numbers
- Research Safety certifications were not entered into eRSO prior to 2018, and staff currently have limited access to paper files – numbers may not be accurate



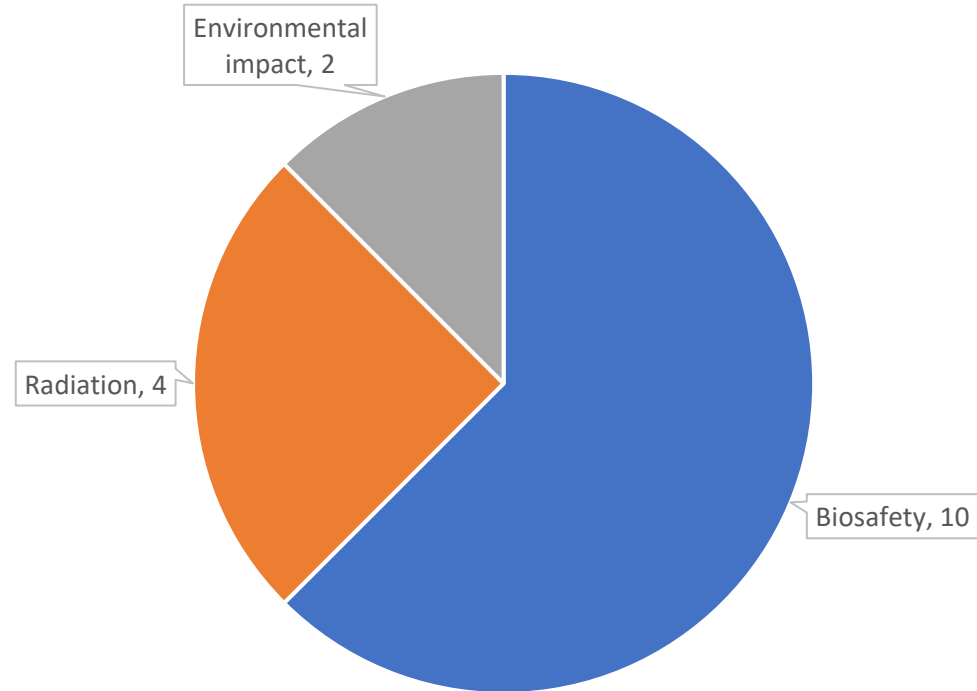
Total Active Files – 5 Year Trend



- Certifications and clearance offices are routinely dealing with large numbers of multi-year files.
- This chart represents the total number of active permits, certifications, and clearances that are open in each area.
- 2019-20 open files were impacted by the COVID-19 pandemic – a dip in new applications occurred in March and April as research was paused.



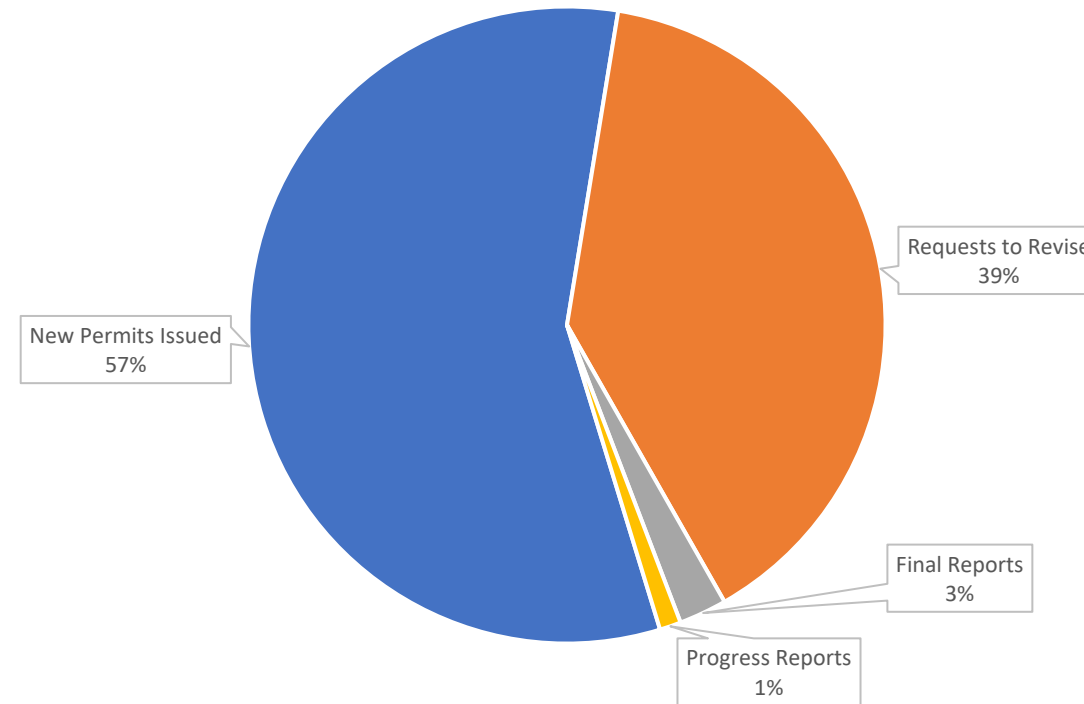
Research Safety – New permits issued in 2019-20



- Due to a gap in data, a 5-year trend is not available.
- Currently, staff are not able to access paper files to assess trends as incidental trips to campus are restricted.
- Due to the COVID-19 Pandemic, fewer new permits were requested in 2019-20 than in a typical year. It is expected that this trend will continue into 2020-21, as Research Safety pivots to supporting adapted research models.



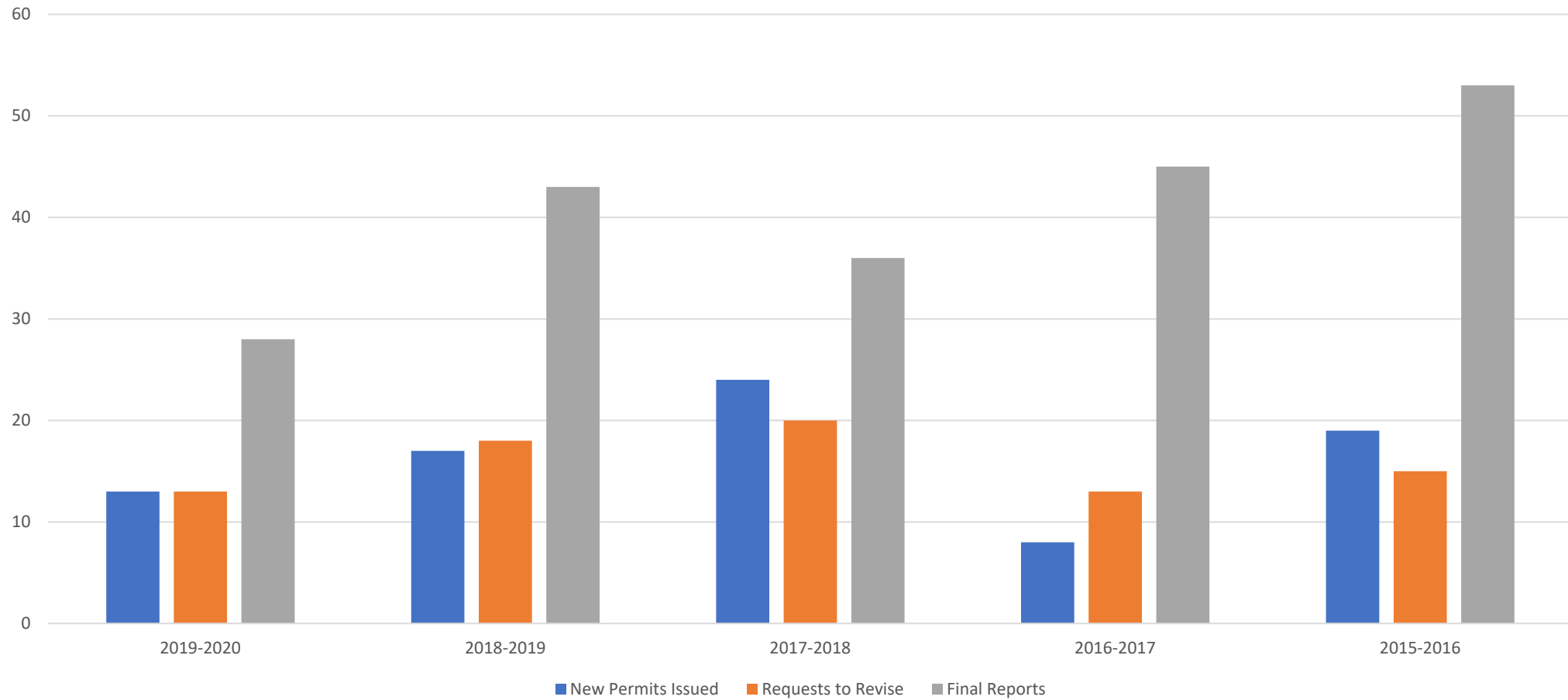
Research Ethics Activities – 2019-20

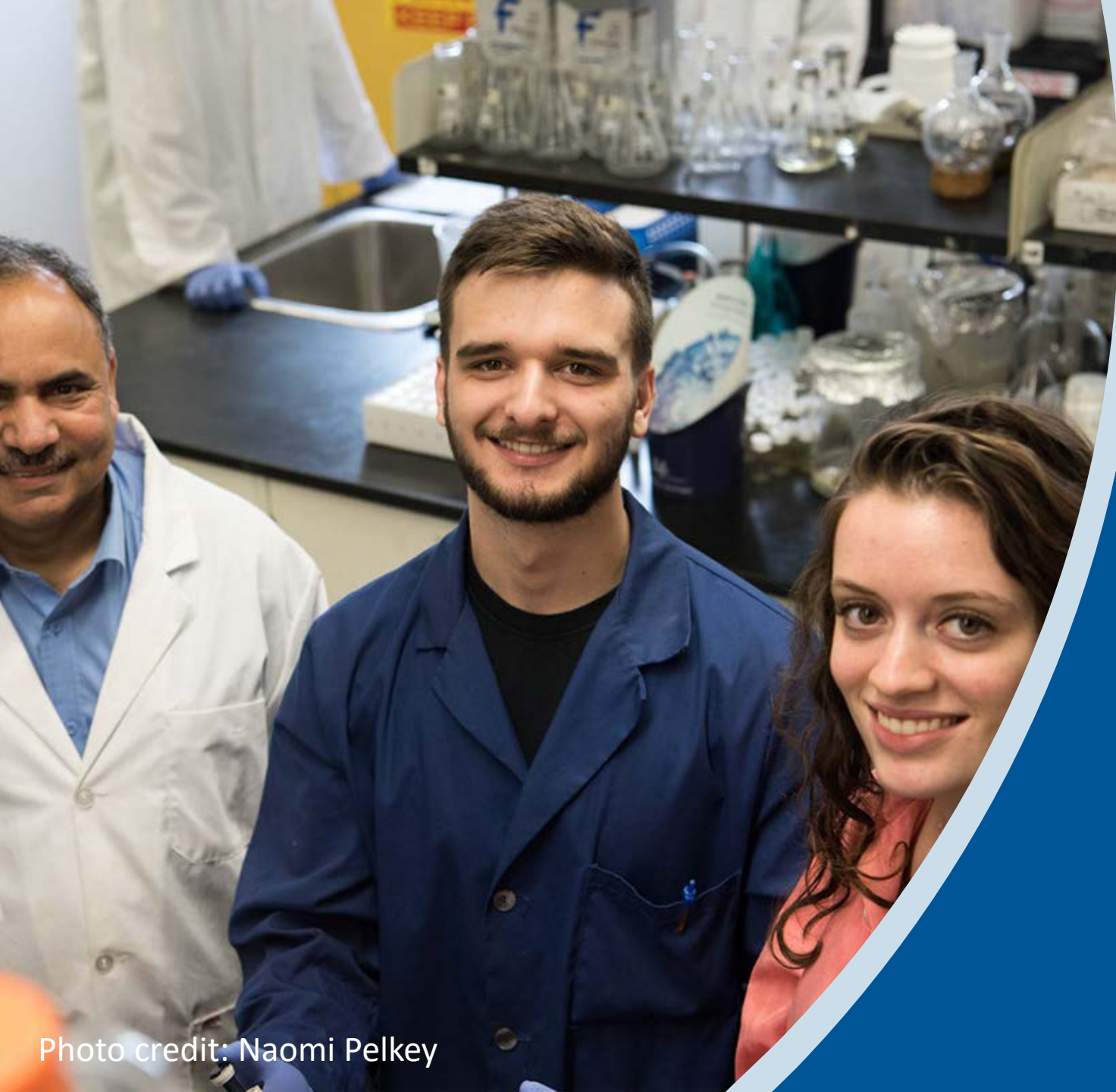


*Due to a gap in data, a 5-year trend is not available



Animal Care Committee Activities – 5 Year Trend





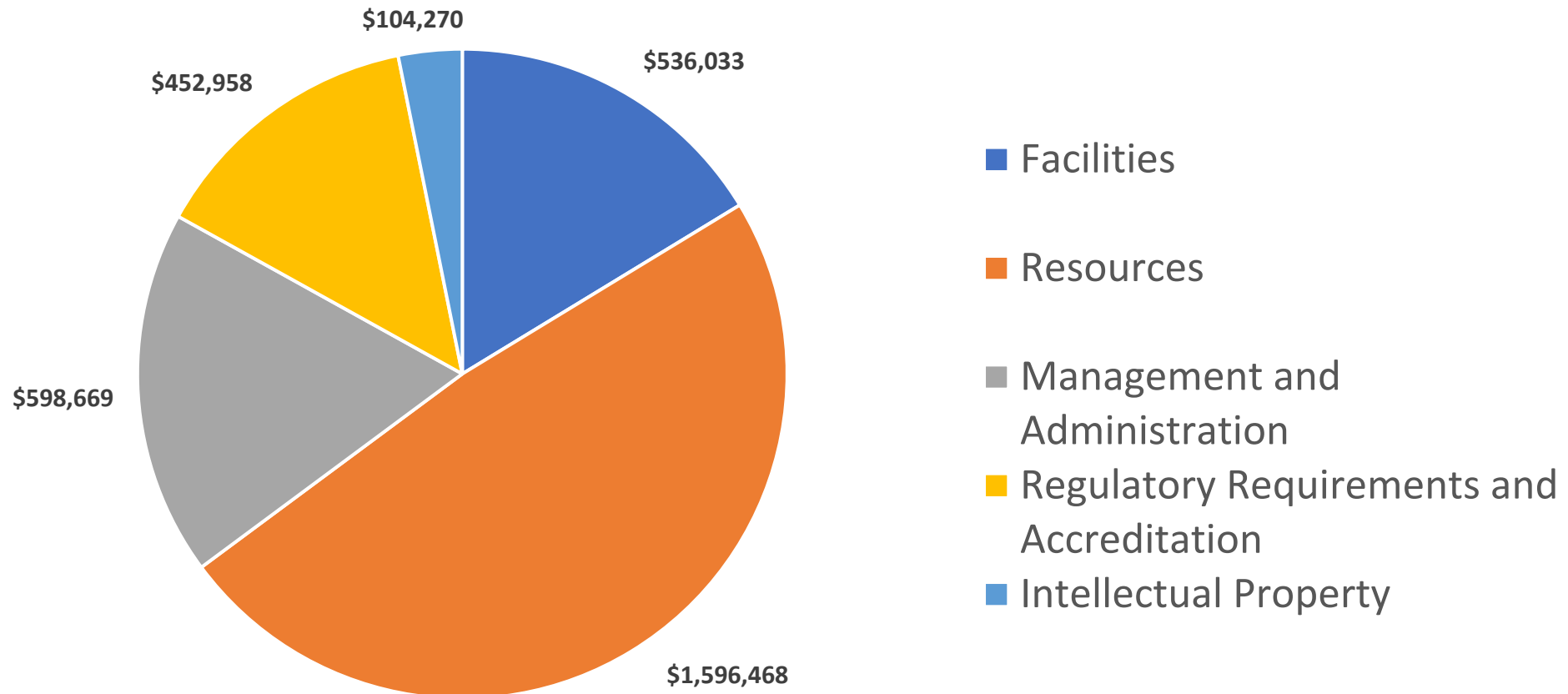
Federal Research Support Fund

2019-2020

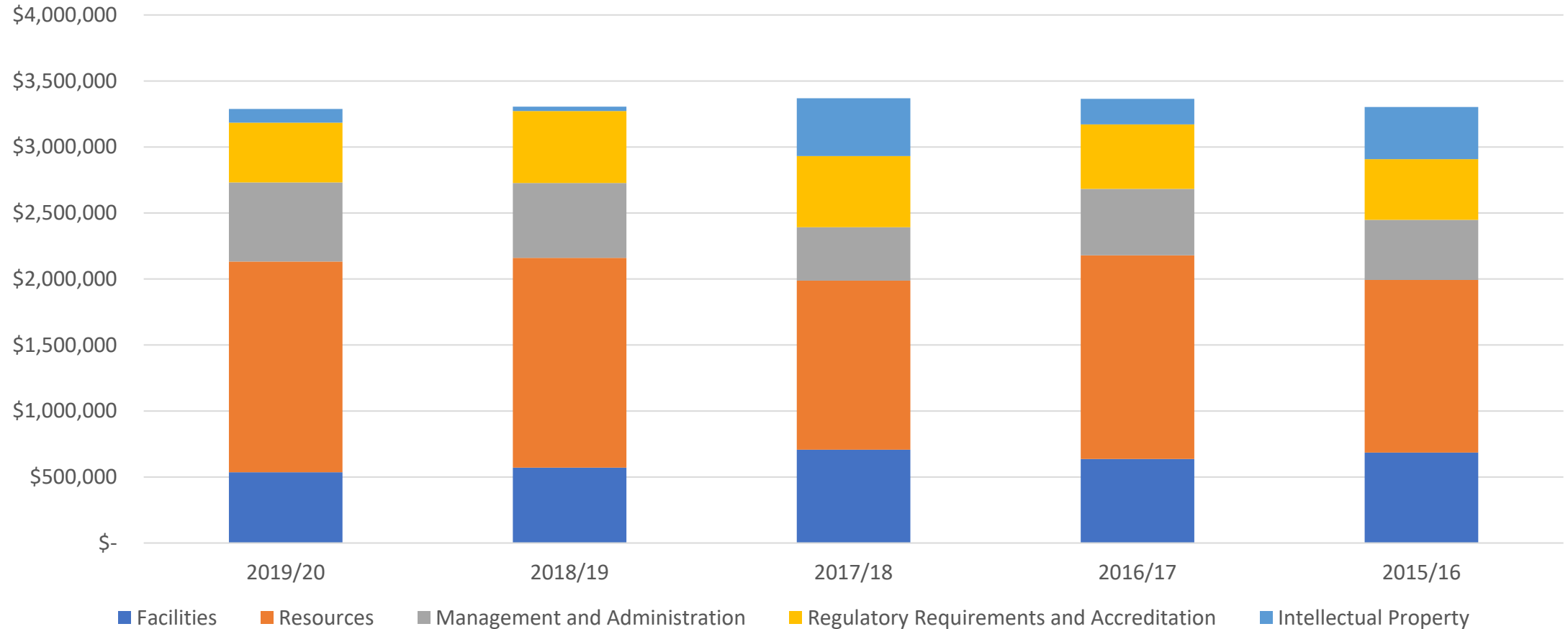
Photo credit: Naomi Pelkey

Federal Research Support Fund 2019-20

The Research Support Fund program provides funding for research facilities, resources, management and administration, regulatory requirements and accreditation and intellectual property management. The amount UWindsor receives from this program is contingent on our level of Tri-Council funding based on a three-year rolling average. The university's allocation for the 2019-20 fiscal year is **\$3,288,398**



Federal Research Support Fund Grant 5 Year Trend





Research at Work

2019-2020

Photo credit: Naomi Pelkey

Special Awards for Research 2019-20

Companion of the Order of Canada: Dr. Iain Baxter &

Member of the Order of Canada: Dr. Julie Macfarlane

Fellow of the Canadian Academy of Engineering: Dr. Jonathan Wu

Canadian Society for Civil Engineering Camille A. Dagenais Award: Dr. Ram Balachandar

Canada Clean50 Award: Dr. Rupp Carriveau

Canadian Cinema Editors Best Editing in Feature Documentary Award: Professor Nick Hector – *Sharkwater Extinction*

Forest City Film Festival – Best Feature Documentary and Audience Award: Professor Nick Hector – *Prey*

Hot Docs Canadian International Documentary Film Festival DGC Special Jury Prize – Canadian Feature Documentary and Audience Award – Best Canadian Feature: Professor Nick Hector – *Prey*

Windsor International Film Festival – Audience Award: Professor Nick Hector - *Prey*

Canadian Society for Chronobiology Junior Investigator Award: Dr. Phillip Karpowicz

Thieme Chemistry Journal Award: Dr. John Trant

Humane Canada Women for a Humane Canada Award: Dr. Charu Chandrasekara

British Institute of Non-Destructive Testing Roy Sharpe Prize: Dr. Roman Maev



Grant Application Success Rates

560

Applications submitted to external funding agencies

355

Research grants and contracts awarded

63%

of applications submitted through ORIS were successful



236

Internal awards and seed grants



114

New partnerships initiated



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Animal Care Committee

acc@uwindsor.ca

Research Safety Committee

rsc@uwindsor.ca

ccc@uwindsor.ca

